

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

1.-15. (Cancelled)

16. (Currently Amended) An imaging system for imaging a bound document having a plurality of pages, comprising:

an optical character recognition (OCR) engine for receiving at least a portion of image data, the OCR engine configured to perform OCR processing ~~only~~ on data corresponding to ~~at~~ least a portion of a border region of each imaged page; and

a controller in communication with the OCR engine and configured to receive data from the OCR engine to determine page numbers on the pages being imaged based at least in part on the data received from the OCR engine, the controller being further configured to detect an error based on comparing the page numbers of consecutive pages, wherein the controller processes OCR data based on scanning entire pages of an initial number of pages to determine the portion of the border region, and processes OCR data based on scanning only the portion of the border region on a subsequent number of pages.

17. (Previously Presented) The imaging system of claim 16, wherein the controller is further configured to detect an error when the controller fails to detect page numbers on a predetermined number of consecutive pages of the document.

18. (Previously Presented) The imaging system of claim 16, wherein the controller is further configured to track the sequence of the page numbers of the images captured and to detect an error based on the sequence of the page numbers.

19. (Original) The imaging system of claim 16, wherein the border region is selected from the group consisting of a border region around an entire perimeter of the imaged page and a border region around a portion of the perimeter of the imaged page.

20. (Original) The imaging system of claim 16, further comprising a speaker in communication with the controller, wherein the controller is configured to generate an audio signal at the speaker when an error is detected.

21. (Original) The imaging system of claim 16, wherein the controller is configured to determine the page numbers based also on a location of a pointer positioned on a page of the bound document.

22. (Original) The imaging system of claim 21, wherein the pointer is selected from the group consisting of a finger of an operator, a sheath placed over finger of the operator, a portion of a glove worn by the operator, an image target, an annular ring, a light pointer, and a laser pointer.

23. (Currently Amended) The imaging system of claim 21, wherein ~~the OCR engine performs OCR processing only on data corresponding to a region of each imaged page, the~~ portion region being ~~is~~ substantially less than the entire imaged page, the portion region ~~being~~ determined based on the location of the pointer.

24. (Original) The imaging system of claim 21, further comprising a sensor in communication with the controller and configured to detect the location of the pointer.

25. (Original) The imaging system of claim 24, wherein the sensor is further configured to detect at least one of an intrusion into an image area of the camera and insufficient light cast on the pages of the bound volume.

26.-43. (Cancelled)

44. (Currently Amended) A method for imaging a bound document having multiple pages, the method comprising the steps of:

performing optical character recognition (OCR) processing by an OCR engine ~~only~~ on data corresponding to ~~at least~~ a portion of a border region of each imaged page, the image data being received from the camera;

processing OCR data based on scanning entire pages of an initial number of pages to determine the portion of the border region;

processing OCR data based on scanning only the portion of the border region on a subsequent number of pages;

determining, by a controller, page numbers on the pages being imaged based at least in part on the data received from the OCR engine; and

detecting an error based on comparing the page numbers of consecutive pages.

45. (Original) The method of claim 44, wherein the border region is selected from the group consisting of a border region around an entire perimeter of the imaged page and a border region around a portion of the perimeter of the imaged page.

46. (Original) The method of claim 44, further comprising the step of tracking, by the controller, the sequence of the page numbers of the images captured by the camera.

47. (Original) The method of claim 46, further comprising the steps of:

detecting an error when the controller fails to detect page numbers on a predetermined consecutive pages of the document; and

generating an audio signal at a speaker when an error is detected.

48. (Original) The method of claim 46, further comprising the steps of:

detecting an error based on the sequence of the page numbers; and

generating an audio signal through a speaker when an error is detected.

49. (Original) The method of claim 44, wherein the step of determining the page numbers is based also on a location of a pointer positioned on a page of the bound document.

50. (Original) The method of claim 49, wherein the pointer is selected from the group consisting of a finger of an operator, a sheath placed over finger of the operator, a portion of a glove worn by the operator, an image target, an annular ring, a light pointer, and a laser pointer.

51. (Currently Amended) The method of claim 49, wherein ~~the OCR processing is performed only on data corresponding to a region of each imaged page, the portion region being~~ is substantially less than the entire imaged page, the portion region being determined based on the location of the pointer.

52. (Original) The method of claim 49, further comprising the step of detecting the location of the pointer with a sensor in communication with the controller.

53. (Previously Presented) The method of claim 52, further comprising the step of detecting, with the sensor, at least one of an intrusion into an image area of the camera and insufficient light cast on the pages of the bound volume.

54.-56. (Cancelled)

57. (Currently Amended) An imaging system for imaging a bound document having a plurality of pages, comprising:

an optical character recognition (OCR) engine for receiving at least a portion of image data, the OCR engine configured to perform OCR processing ~~only~~ on data corresponding to ~~at least a portion of a border region of each imaged page; and~~

a controller in communication with the OCR engine and configured to receive data from the OCR engine to determine page numbers on the pages being imaged based at least in part on

the data received from the OCR engine, the controller being further configured to detect an error based on the page numbers,

wherein the controller processes OCR data based on scanning entire pages of an initial number of pages to determine the portion of the border region, and processes OCR data based on scanning only the portion of the border region on a subsequent number of pages, and is further configured to detect an error when the controller fails to detect page numbers on a predetermined number of consecutive pages of the document.

58. (Previously Presented) The imaging system of claim 57, wherein the controller is further configured to track the sequence of the page numbers of the images captured and to detect an error based on the sequence of the page numbers.

59. (Previously Presented) The imaging system of claim 57, wherein the border region is selected from the group consisting of a border region around an entire perimeter of the imaged page and a border region around a portion of the perimeter of the imaged page.

60. (Previously Presented) The imaging system of claim 57, further comprising a speaker in communication with the controller, wherein the controller is configured to generate an audio signal at the speaker when an error is detected.

61. (Previously Presented) The imaging system of claim 57, wherein the controller is configured to determine the page numbers based also on a location of a pointer positioned on a page of the bound document.

62. (Previously Presented) The imaging system of claim 61, wherein the pointer is selected from the group consisting of a finger of an operator, a sheath placed over finger of the operator, a portion of a glove worn by the operator, an image target, an annular ring, a light pointer, and a laser pointer.

63. (Currently Amended) The imaging system of claim 61, wherein ~~the OCR engine performs OCR processing only on data corresponding to a region of each imaged page~~, the portion region being ~~is~~ substantially less than the entire imaged page, the portion region being determined based on the location of the pointer.

64. (Previously Presented) The imaging system of claim 61, further comprising a sensor in communication with the controller and configured to detect the location of the pointer.

65. (Previously Presented) The imaging system of claim 64, wherein the sensor is further configured to detect at least one of an intrusion into an image area of the camera and insufficient light cast on the pages of the bound volume.

66. (Currently Amended) A method for imaging a bound document having multiple pages, comprising:

performing optical character recognition (OCR) processing by an OCR engine ~~only~~ on data corresponding to ~~at least~~ a portion of a border region of each imaged page, the image data being received from the camera;

processing OCR data based on scanning entire pages of an initial number of pages to determine the portion of the border region;

processing OCR data based on scanning only the portion of the border region on a subsequent number of pages;

determining, by a controller, page numbers on the pages being imaged based at least in part on the data received from the OCR engine; and

detecting an error based on the page numbers,

wherein the border region is selected from the group consisting of a border region around an entire perimeter of the imaged page and a border region around a portion of the perimeter of the imaged page.

67. (Previously Presented) The method of claim 66, further comprising tracking, by the controller, the sequence of the page numbers of the images captured by the camera.

68. (Previously Presented) The method of claim 67, further comprising:
detecting an error when the controller fails to detect page numbers on a predetermined consecutive pages of the document; and
generating an audio signal at a speaker when an error is detected.
69. (Previously Presented) The method of claim 67, further comprising:
detecting an error based on the sequence of the page numbers; and
generating an audio signal through a speaker when an error is detected.
70. (Previously Presented) The method of claim 66, wherein determining the page numbers is based also on a location of a pointer positioned on a page of the bound document.
71. (Previously Presented) The method of claim 70, wherein the pointer is selected from the group consisting of a finger of an operator, a sheath placed over finger of the operator, a portion of a glove worn by the operator, an image target, an annular ring, a light pointer, and a laser pointer.
72. (Currently Amended) The method of claim 70, wherein ~~the OCR processing is performed only on data corresponding to a region of each imaged page, the portion region being~~ is substantially less than the entire imaged page, the portion ~~region~~ being determined based on the location of the pointer.
73. (Previously Presented) The method of claim 70, further comprising detecting the location of the pointer with a sensor in communication with the controller.
74. (Previously Presented) The method of claim 73, further comprising detecting, with the sensor, at least one of an intrusion into an image area of the camera and insufficient light cast on the pages of the bound volume.